

Converting Colors

$Yxy(76.6087, 0.2662, 0.3123)$

Have a look what the booklet for
Yxy(76.6087, 0.2662, 0.3123)
contains.

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Color

Yxy(76.5953, 0.2662, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	AEEDFC
RGB	174, 237, 252
RGB Percent	68%, 93%, 99%
CMY	0.3176, 0.0706, 0.0118
CMYK	0.31, 0.06, 0.00, 0.01
HSL	192°, 93%, 84%
HSV	192°, 31%, 99%
XYZ	65.3096, 76.5953, 103.4355
YIQ	219.8730, -42.3630, -8.6910

Conversions

Conversions Part 2

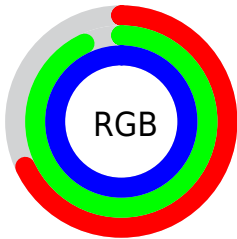
Format	Color
RYB	174, 209, 252
Decimal	11464188
CIELab	90.14, -16.26, -13.62
CIELCh	90, 21.211, 219.935
Yxy	76.5953, 0.2662, 0.3122
Android (android.graphics.Color)	4289654268 (0xFFAEEDFC)
YUV	219.8730, 15.8386, -40.2306
Hunter-Lab	87.5187, -19.9547, -8.8098

Details

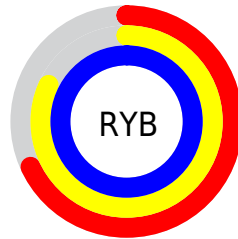
The Yxy color **76.5953, 0.2662, 0.3122** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.1441, 0.3785, 0.3451**, and the grayscale version is **71.3883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **40.9098, 0.2562, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **71.2029, 0.2527, 0.3059**, and if you desaturate by 10%, it is **82.6125, 0.2807, 0.3181**.

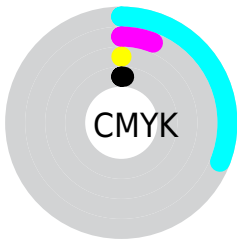
Distribution



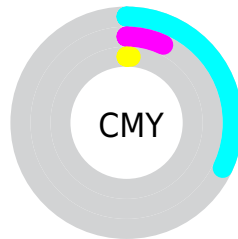
- Red (68%)
- Green (93%)
- Blue (99%)



- Red (68%)
- Yellow (82%)
- Blue (99%)



- Cyan (31%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)





- Cyan (32%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.5953, 0.2662, 0.3122 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 76.5953, 0.2662, 0.3122 by changing the saturation by 10% instead.

 76.5953, 0.2662,
0.3122

 76.5953, 0.2662,
0.3122

483.3831, 0.2872,
0.3203

 56.9208, 0.2615,
0.3103


 128.5680, 0.2734,
0.3150

 40.9416, 0.2559,
0.3079


161.6351, 0.2762,
0.3161

 28.2735, 0.2488,
0.3049


199.9350, 0.2786,
0.3171

 18.5319, 0.2397,
0.3008

243.8524, 0.2808,
0.3179

 11.3325, 0.2277,
0.2952

293.7714, 0.2826,
0.3186

 6.2910, 0.2111,
0.2869

350.0767, 0.2843,

 3.0228, 0.1869,

0.3192

0.2738

413.1524, 0.2858,
0.3198

■ 1.1437, 0.1467,
0.2507

■ 0.0149, 0.0000,
0.0152

■ 76.5953, 0.2662,
0.3122

■ 76.5953, 0.2662,
0.3122

■ 71.2029, 0.2527,
0.3059

■ 82.6125, 0.2807,
0.3181

■ 66.3952, 0.2406,
0.2992

■ 89.2739, 0.2958,
0.3236

■ 62.1411, 0.2301,
0.2924

■ 96.6094, 0.3112,
0.3286

■ 58.4027, 0.2214,
0.2853

■ 99.8082, 0.3144,
0.3319

■ 55.1365, 0.2146,
0.2782

■ 52.2904, 0.2099,
0.2712

■ 50.0034, 0.2069,
0.2649

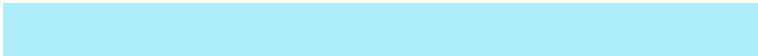
Harmonies

Analogous

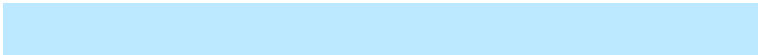
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5953, 0.2771, 0.3354



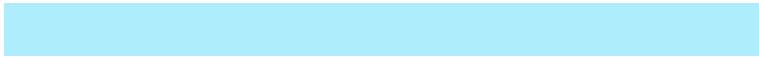
76.5953, 0.2662, 0.3122



76.5953, 0.2672, 0.2949

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5953, 0.2662, 0.3122



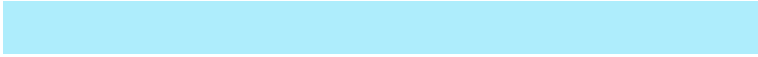
76.5953, 0.3269, 0.3027



76.5953, 0.3456, 0.3725

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76.5953, 0.2662, 0.3122



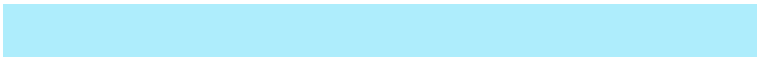
60.1441, 0.3785, 0.3451

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.5953, 0.3602, 0.3614



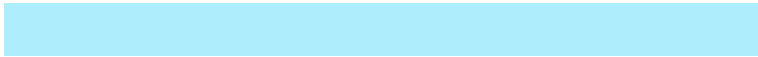
76.5953, 0.2662, 0.3122



76.5953, 0.3493, 0.3214

Square

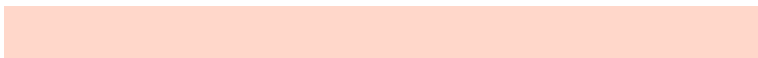
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5953, 0.2662, 0.3122



76.5953, 0.3014, 0.2904



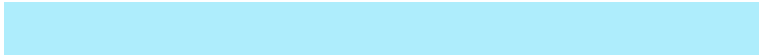
76.5953, 0.3616, 0.3426



76.5953, 0.3225, 0.3715

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5953, 0.2662, 0.3122



76.5953, 0.2744, 0.2887



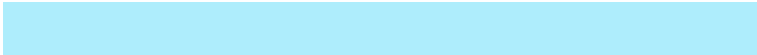
76.5953, 0.3616, 0.3426



76.5953, 0.3517, 0.3700

Sweetspot

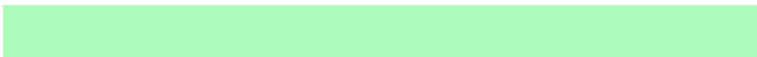
The Sweet Spot groups the original color and five complimentary colors.



76.5983, 0.2662, 0.3122



93.1216, 0.2988, 0.3246



82.2628, 0.3008, 0.4032



19.7053, 0.2965, 0.3238



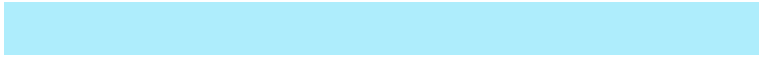
0.0000, 0.0000, 0.0000



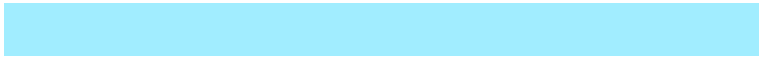
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5983, 0.2662, 0.3122



75.2497, 0.2579, 0.3084



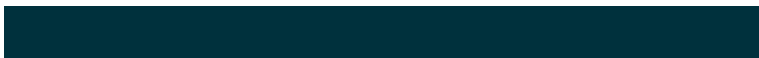
56.7360, 0.2609, 0.2673



19.0081, 0.2980, 0.3243



26.2560, 0.2073, 0.2661



2.5723, 0.2096, 0.2744

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.0824, 0.3281, 0.2654



52.7340, 0.3319, 0.2530



78.8535, 0.3666, 0.3837



17.4640, 0.3167, 0.3100



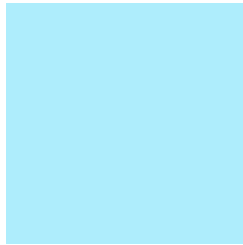
13.0615, 0.3765, 0.1848



1.2239, 0.3686, 0.1804

Previews

White Background



This preview shows how the Yxy color 76.5953, 0.2662, 0.3122 looks on a white background.

Color Contrast Check

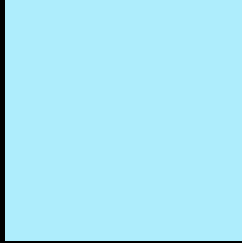
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 76.5953, 0.2662, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

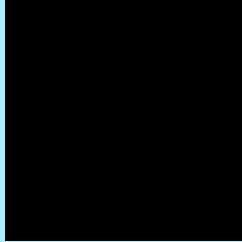
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5953, 0.2662, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 76.5953, 0.2662, 0.3122.

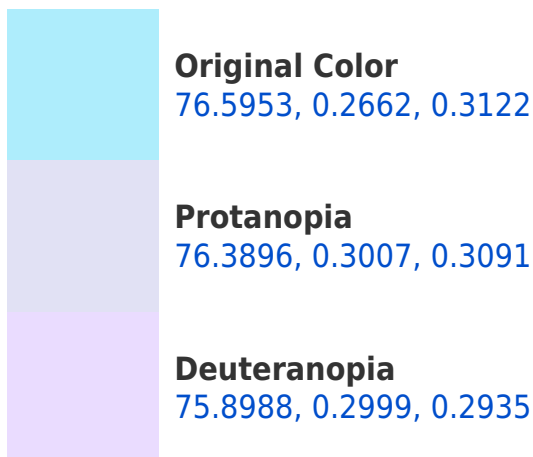


This preview shows how white text looks on a background with the Yxy color 76.5953, 0.2662, 0.3122.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

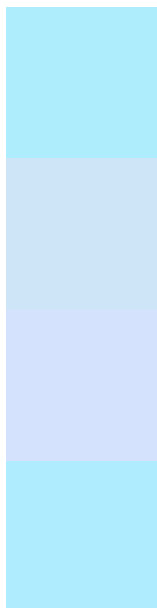




Tritanopia

76.4410, 0.2656, 0.3079

Trichromacy



Original Color

76.5953, 0.2662, 0.3122

Protanomaly

75.8758, 0.2867, 0.3096

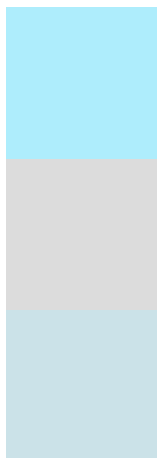
Deuteranomaly

75.5455, 0.2863, 0.2994

Tritanomaly

76.2606, 0.2656, 0.3089

Monochromacy



Original Color

76.5953, 0.2662, 0.3122

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.9154, 0.2935, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5953, 0.2662, 0.3122 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(174, 237, 252)` looks like.

```
.text, #text, p{  
    color:rgb(174, 237, 252)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(174, 237, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 237, 252) }
```

Border

The CSS property to change the border of an element to Yxy 76.5953, 0.2662, 0.3122 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 237, 252) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(174, 237, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(174, 237, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 237, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 237, 252);  
box-shadow:4px 4px 4px 4px rgb(174, 237,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5953, 0.2662, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 237, 252) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(174,  
237, 252) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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